

Shenzhen Jinhong Wireless Technology Co., Ltd.

Customers: Zhongruike Technology Co., Ltd.

Project name: P2A

RF engineer: JiangYa

Report edition: 2025-5-26

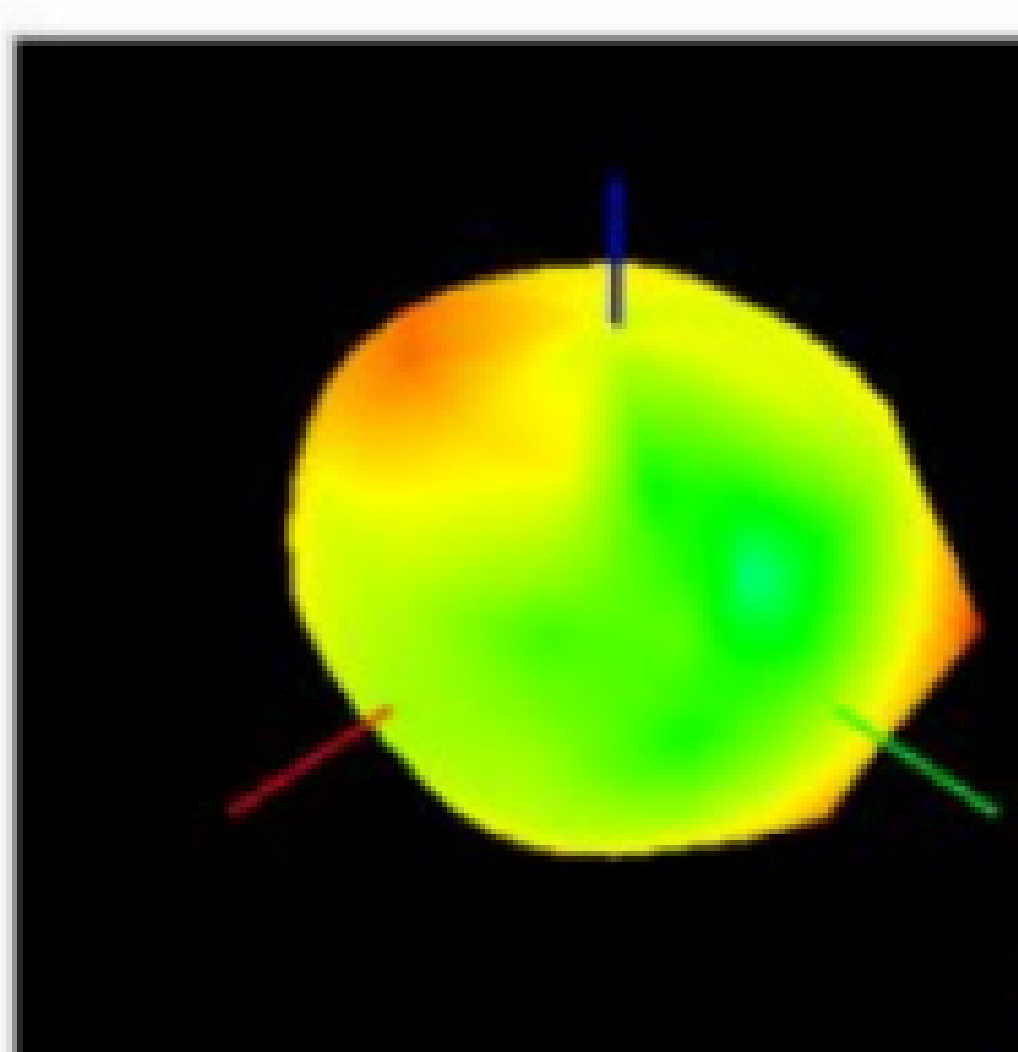
3rd Floor, Building B, Weiyehuaxin 18 Industrial Park, Xixiang Sub-district, Bao'an District, Shenzhen City

Antenna gain

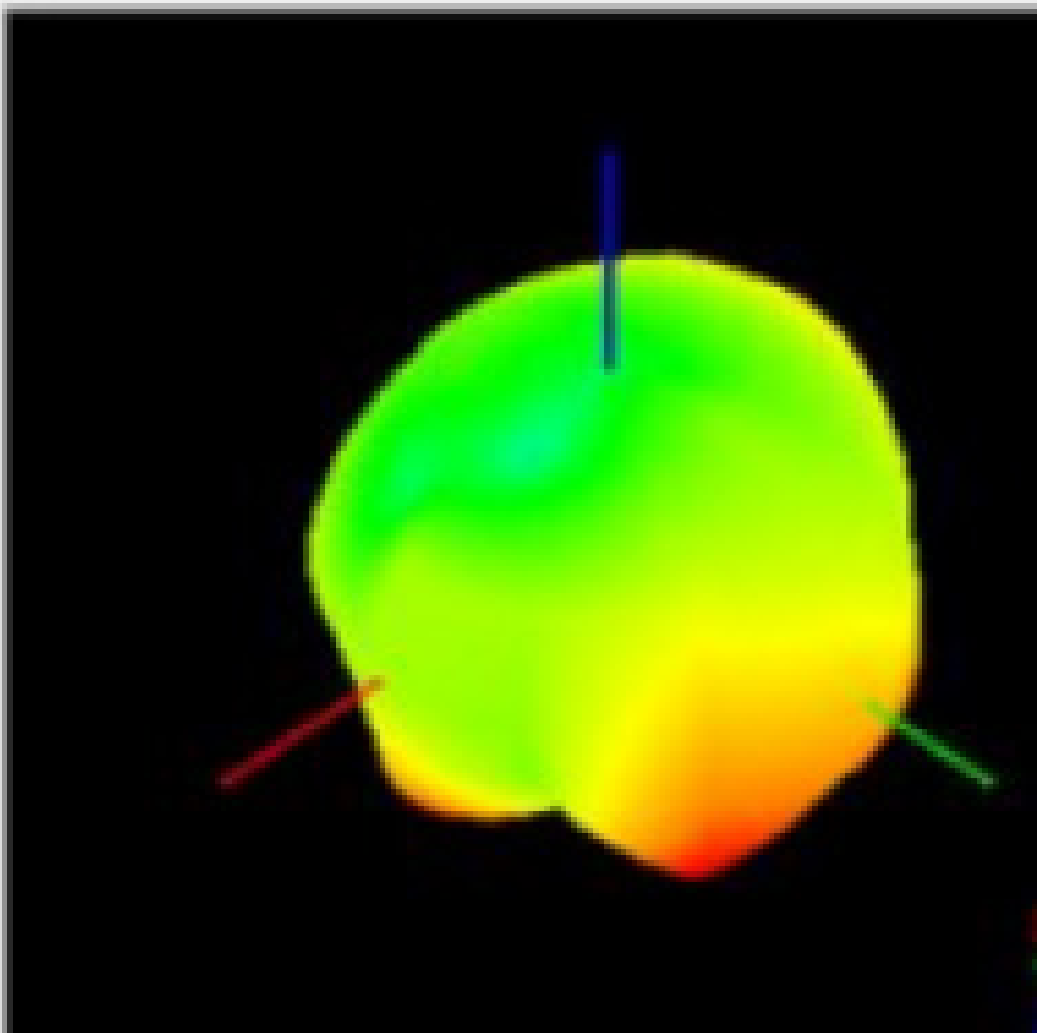
Band		Mode	Frequency	Antenna Max Gain	
GSM Band	Band-5 GSM 850		824-894	-1.44	dBi
	Band-8 GSM 900		880-960	-0.98	
	Band-3 DCS 1800		1710-1880	0.23	
	Band-2 PCS 1900		1850-1990	0.22	
WCDMA Band	Band-1 2100		1920-2170	-0.64	dBi
	Band-2 1900		1850-1990	0.22	
	Band-4 1700		1710-2155	0.18	
	Band-5 850		824-894	-1.44	
	Band-8 900		880-960	-0.98	
LTE Band	Band-1 2100	FDD	1920-2170	-0.64	dBi
	Band-2 1900	FDD	1850-1990	0.22	
	Band-3 1800	FDD	1710-1880	0.23	
	Band-4 1700	FDD	1710-2155	0.18	
	Band-5 800	FDD	824-894	-1.44	
	Band-7 2600	FDD	2500-2690	2.04	
	Band-8 900	FDD	880-960	-0.98	
	Band-12 700	FDD	699-746	-3.45	
	Band-13 700	FDD	746-787	-3.18	
	Band-14 700	FDD	758-798	-3.08	
	Band-17 700	FDD	704-746	-3.45	
	Band-20 800	FDD	832-821	-2.21	
	Band-26 800	FDD	814-894	-1.44	
	Band-28 700	FDD	703-803	-2.26	
	Band-66 1700	FDD	1710-2200	0.24	
	Band-38 2570	TDD	2570-2620	2.13	
	Band-39 1880	TDD	1880-1920	0.24	
	Band-40 2300	TDD	2300-2400	0.37	
	Band-41 2500	TDD	2496-2690	2.13	
Wi-Fi	802. 11b/g/n	2.4GHz	2400-2483.5	0.58	dBi
	802. 11a/n/ac	5GHz	5150-5850	0.27	dBi
BT&BLE	Bluetooth		2400-2483.5	0.58	dBi
GNSS	GPS L1 C/A, BDS B1I, GLONASS G1, SBAS L1		1559-1610	/	/
NFC			13.56	/	/

Lobe diagram(Red represents X, green represents Y,
and dark blue represents Z)

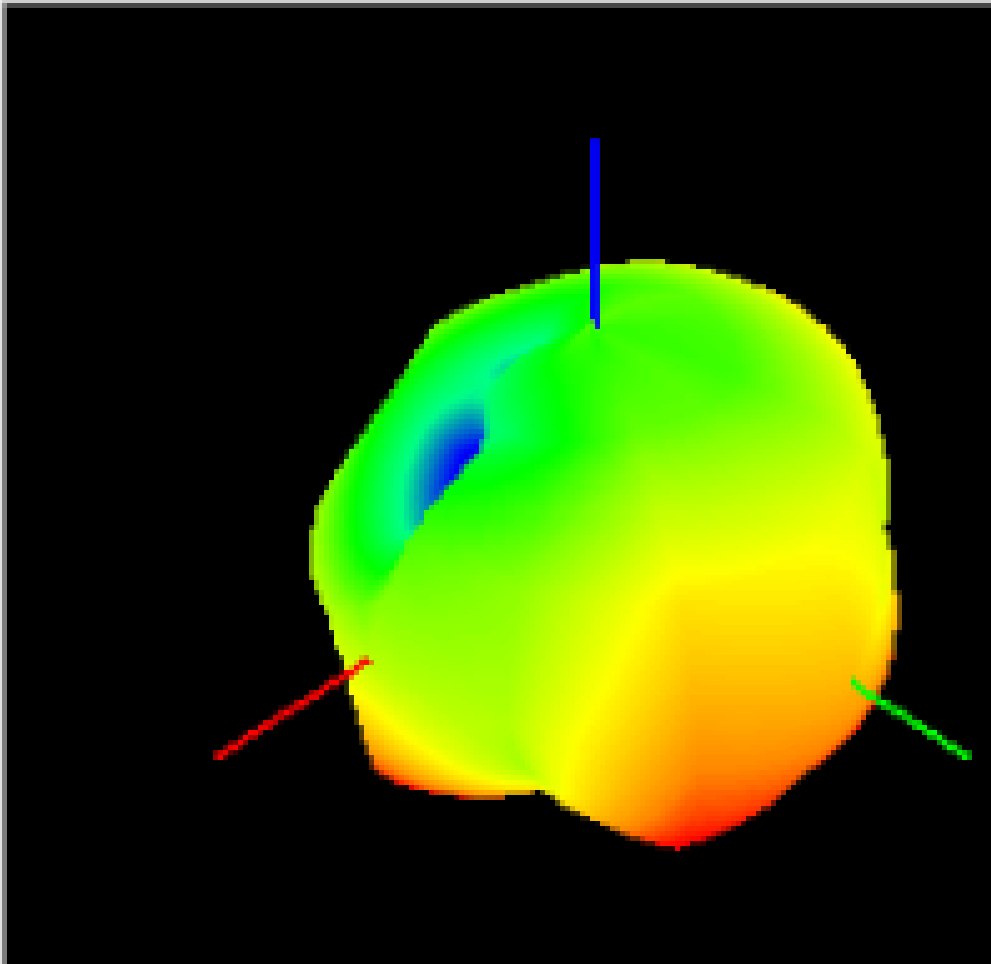
Main Antenna



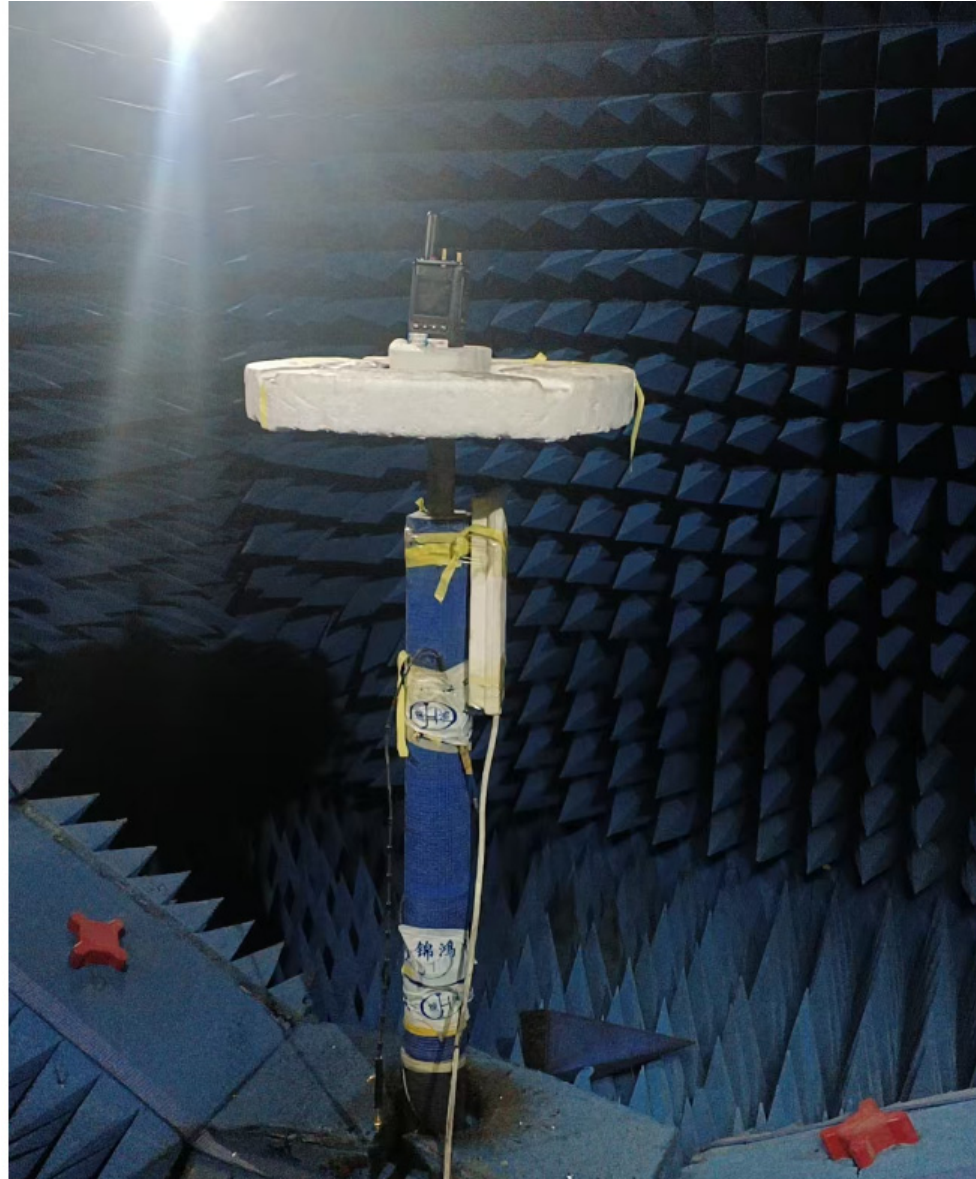
Aux Antenna



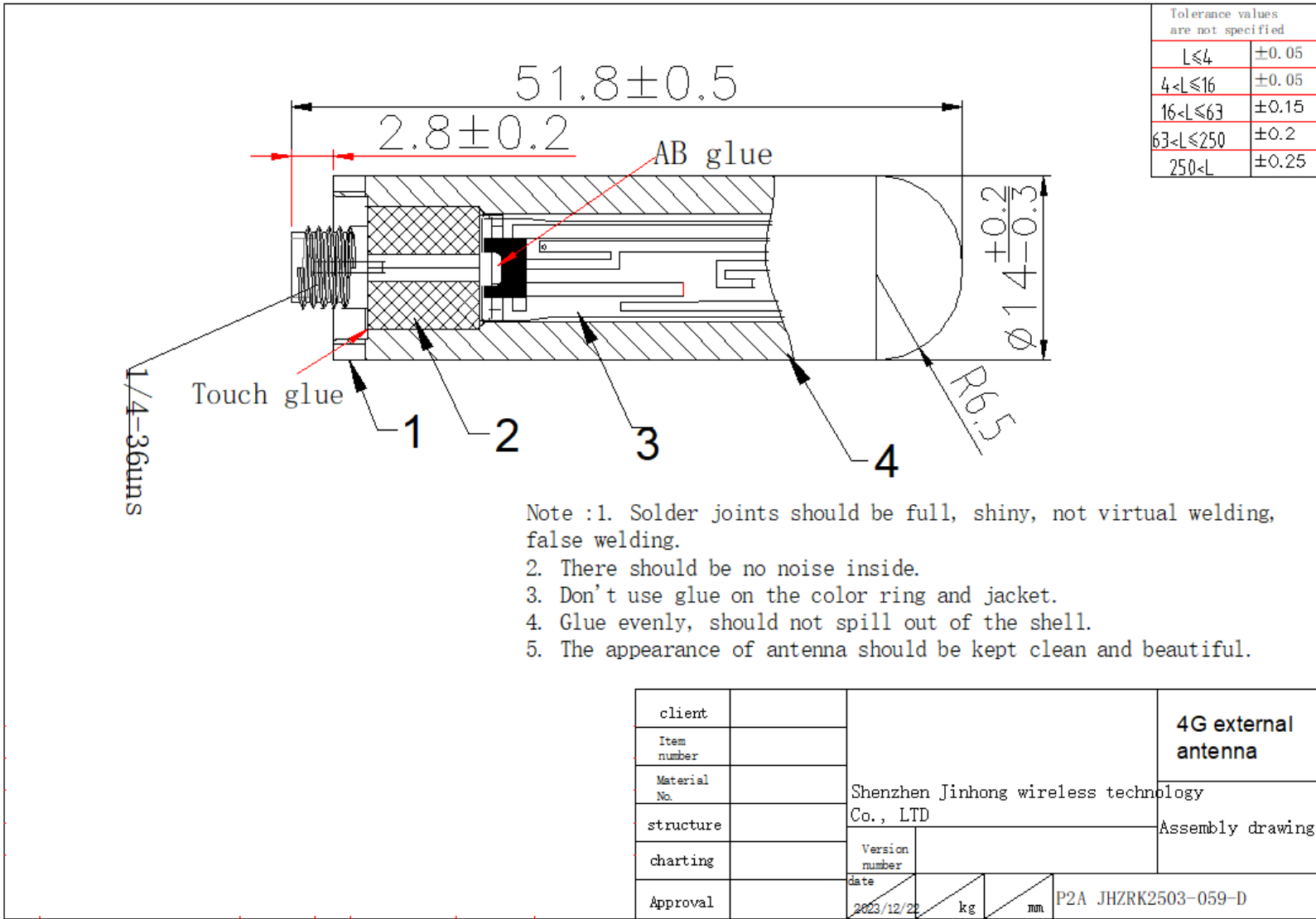
BT/BLE/Wi-Fi



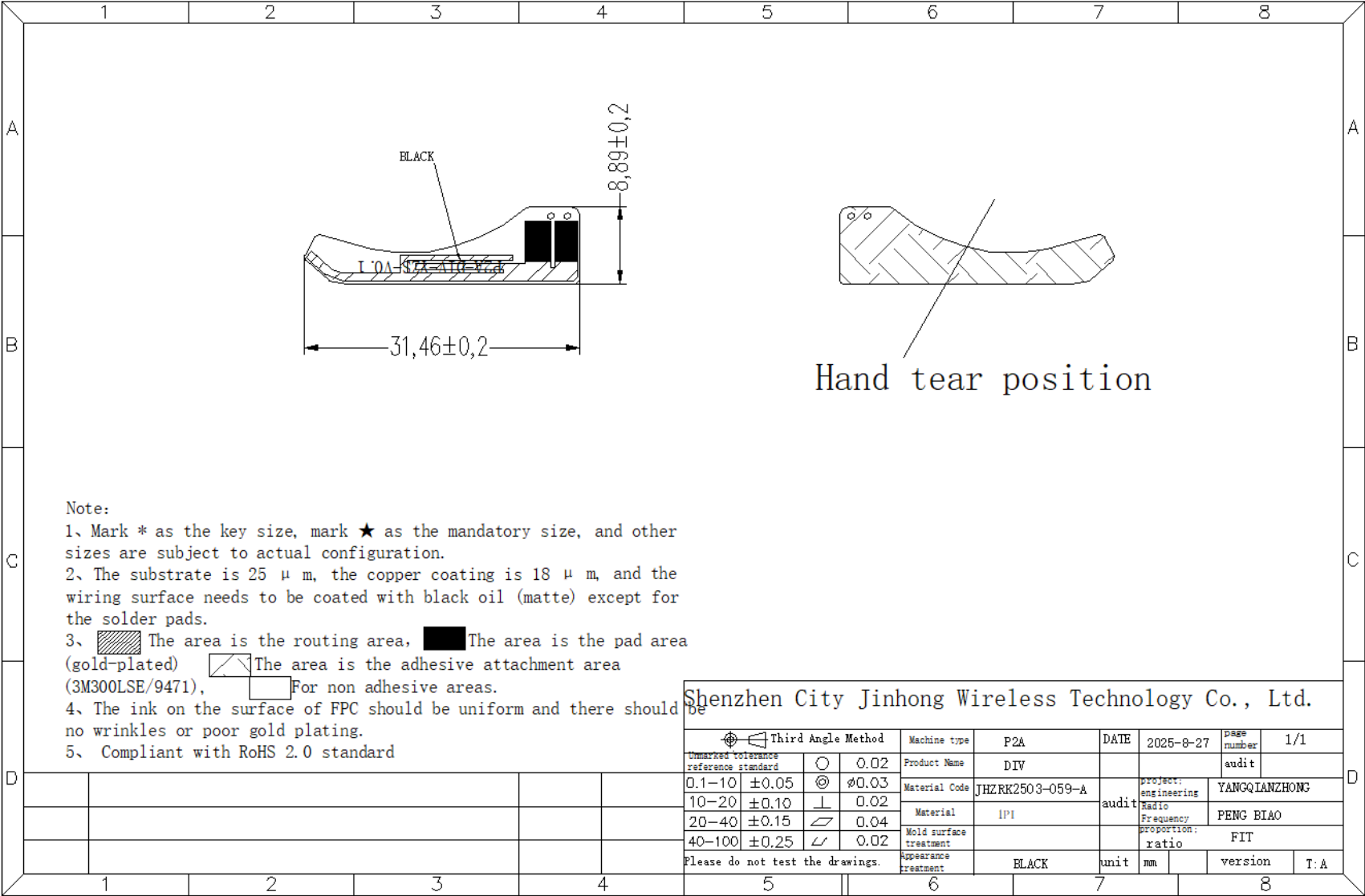
Device Test scenario



Antenna size diagram



Antenna size diagram



1

2

3

4

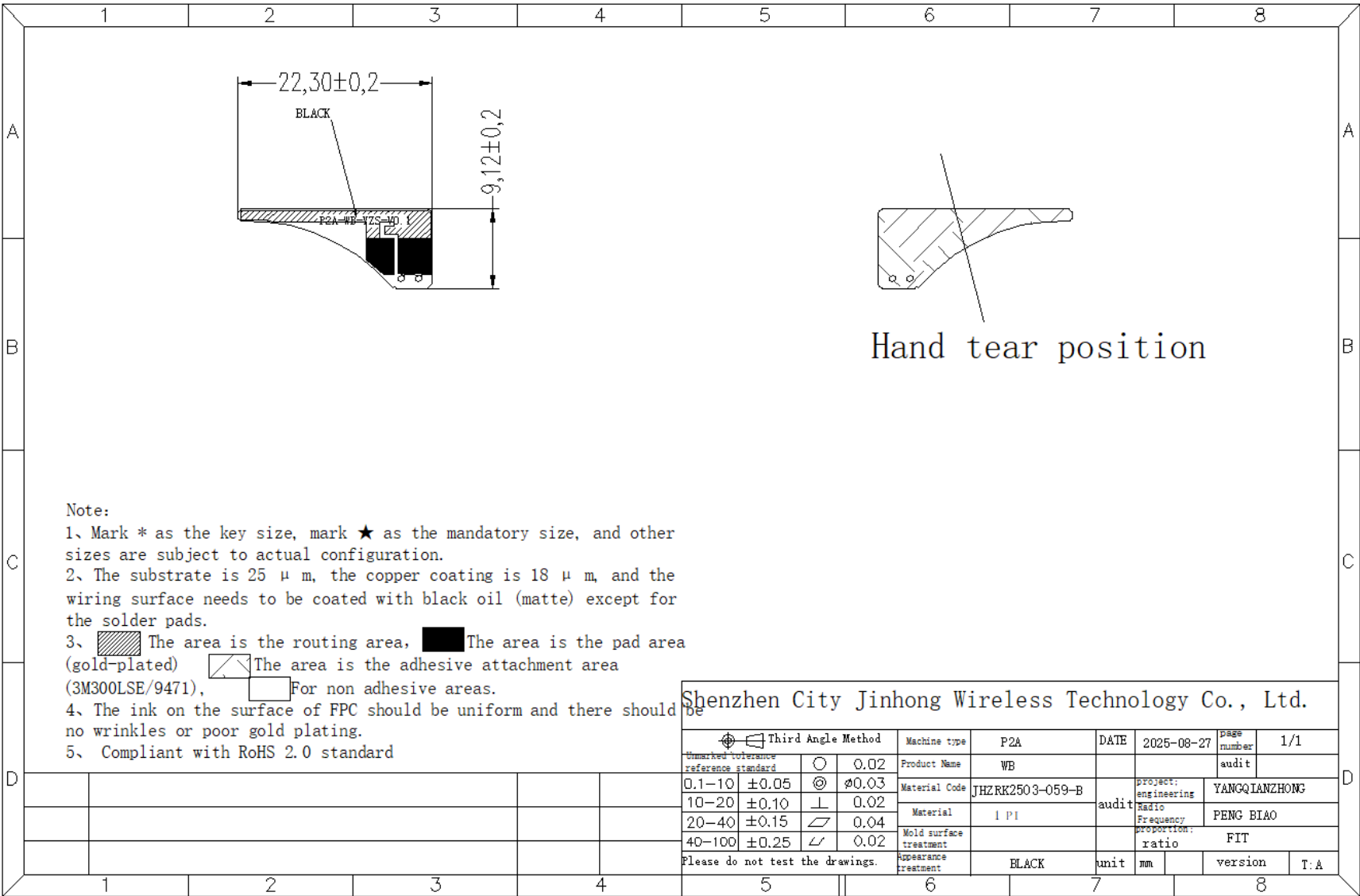
5

6

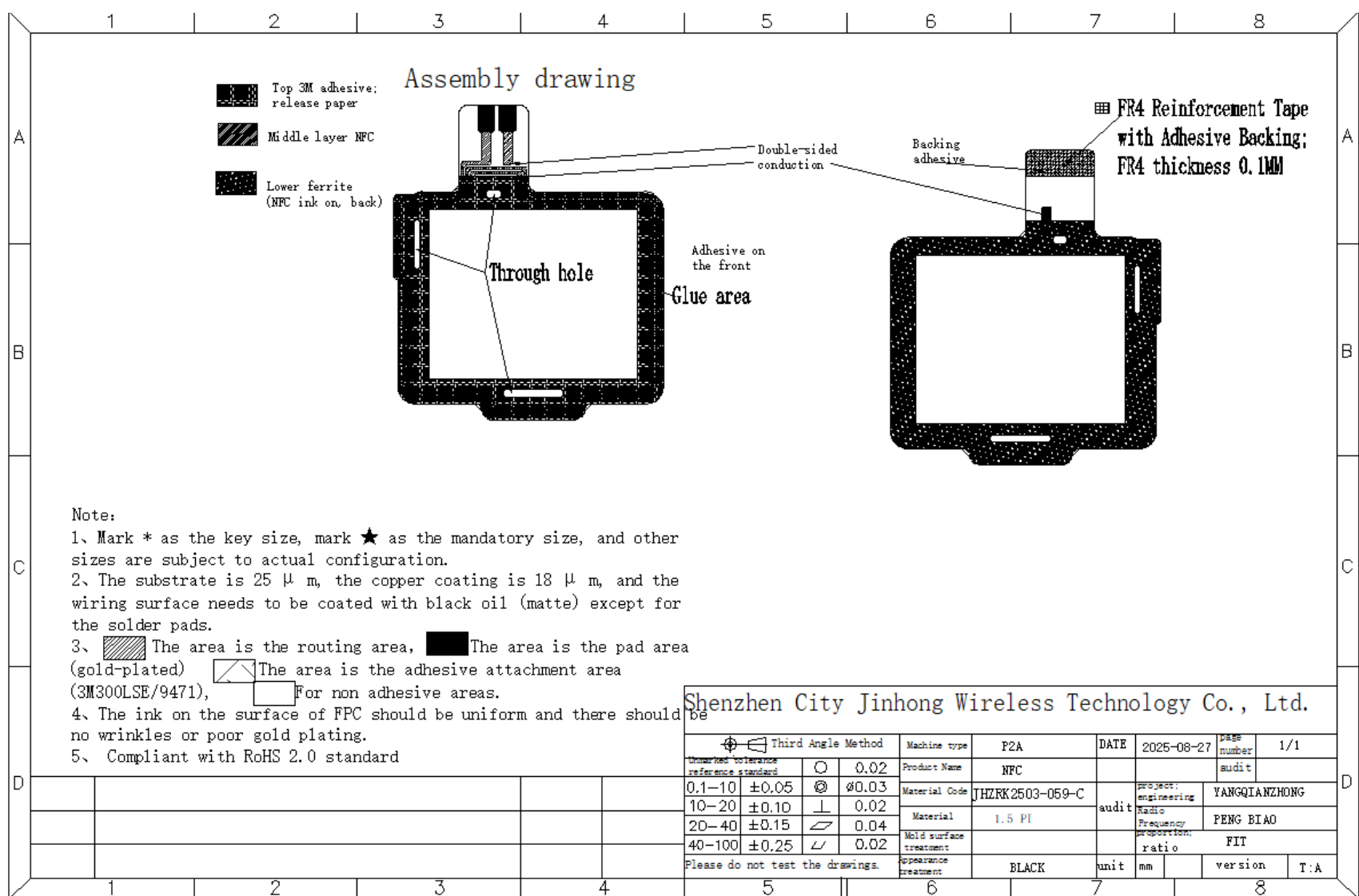
7

8

Antenna size diagram



Antenna size diagram



Antenna size diagram



Size:18*18*6.5mm